COMBINED DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

	TWO-	DIMENSIONAL	PHOTONIC	CRYSTAL	SURFACE-EMITTING	LASER	
he	specificati	ion of which (check	only one item b	elow):			
		is attached hereto.					
		was filed as United	l States applicat	ion			
		Number		on			
		and was amended		on		(i	f applicable).
		was filed as PCT in Number PCT/S	nternational app	lication 3987 on	March 23, 2004		
		and was amended		on		(i	f applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §§119 (a)-(d), 172 or 365 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

COUNTRY (if PCT, indicate "PCT")	APPLICATION NUMBER		DATE OF FILING (day, month, year)		PRIORITY CLAIMED UNDER 35 U.S.C. §§119, 17 or 365			
Japan	2003-83706 I	Pat.	25,	March,	2003	Х	Yes	No
							Yes	И
							Yes	N
				···			Yes	No
				-			Yes	N

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I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:

William L. Mathis Robert S. Swecker. Platon N. Mandros Benton S. Duffett, Jr. Norman H. Stepno Ronald L. Grudziecki Frederick G. Michaud, Jr. Alan E. Kopecki Regis B. Slutter Samuel C. Miller, III Robert G. Mukai George A. Hovanec, Jr. James A. LaBarre E. Joseph Gess R. Danny Huntington	17,337 19,885 22,124 22,030 22,716 24,970 26,003 25,813 26,999 27,360 28,531 28,223 28,632 28,510 27,903	Bric H. Weisblatt James W. Peterson Teresa Stanek Rea William C. Rowland T. Gene Dillahunty Patrick C. Keane B. Jefferson Boggs, Jr. William H. Benz Peter K. Skiff Richard J. McGrath Matthew L. Schneider Michael G. Savage Gerald F. Swiss Charles F. Wieland III Bruce T. Wieder	30,505 26,057 30,427 30,888 25,423 32,858 32,344 25,952 31,917 29,195 32,814 32,596 30,113 33,096 33,815	Todd R. Walters Ronni S. Jillions Harold R. Brown III Allen R. Baum Brian P. O'Shaughnessy Kenneth B. Leffler Fred W. Hathaway Wendi L. Weinstein Mary Ann Dillahunty Donna M. Meuth Mark R. Kresloff	34,040 31,979 36,341 36,086 32,747 36,075 32,236 34,456 34,576 36,607 42,766
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Address all correspondence to:

21839

Platon N. Mandros

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404

Alexandria, Virginia 22313-1404

Address all telephone calls to: Platon N. Mandros at (703) 836-6620.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR	Susumu NODA : .		
Signature	Susur hada		
Date	4 Oct. 2005.		
Residence (City, State, Country)	Uji-shi, Kyoto, Japan		
Citizenship	Japan		
Mailing Address	231 Kyoudai Shukusya, Gokashou		
City, State, ZIP, Country	Uji-shi, Kyoto 611-0011, Japan		
FULL NAME SECOND INVENTOR, IF ANY	Mitsuru YOKOYAMA		
Signature	Mitsurn Yokoyama		
Date .	October 4 2003		
Residence (City, State, Country)	Hino-shi, Tokyo, Japan		
Citizenship	Japan		
Mailing Address	c/o Konica Minolta Technology Center Inc., 1 Sakura-machi		
City, State, ZIP, Country	Hino-shi, Tokyo 191-8511,Japan		

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FULL NAME OF THIRD INVENTOR, IF ANY	Koujirou SEKINE
Signature	Novinan Sobina
Date	Nonjison Sekine October 4, 2005
Residence (City, State, Country)	Hino-shi, Tokyo, Japan
Citizenship	Japan
Mailing Address	c/o Konica Minolta Technology Center Inc., 1 Sakura-machi
City, State, ZIP, Country	Hino-shi, Tokyo 191-8511, Japan
FULL NAME OF FOURTH INVENTOR, IF ANY	Eiji MIYAI
Signature	Ein Miner
Date	October 4, 2005
Residence (City, State, Country)	Kyoto-shi, Kyoto, Japan
Citizenship	Japan
Mailing Address	101 Next Life, 16-1 Katagihara-Yamaji, Nishikyo-ku
City, State, ZIP, Country	Kyoto-shi, Kyoto 615-8123, Japan
FULL NAME OF FIFTH INVENTOR, IF ANY	
Signature	·
Date	·
Residence (City, State, Country)	
Citizenship	
Mailing Address	,
City, State, ZIP, Country	
FULL NAME OF SIXTH INVENTOR, IF ANY	
Signature	
Date	
Residence (City, State, Country)	
Citizenship	
Mailing Address .	
City, State, ZIP, Country	